

Abstract

This invention involves a new housing for a liquid level detection device. More particularly, the new stillwell apparatus comprises, at least one tubular section, a means for extending the length of the stillwell, a conduit for delivering a cleansing solution to the bottom of the tubular sections, a gas inlet tube for determination of the presence of hazardous gases, and a means for pressure equalization. In addition this invention reveals novel installation, removal and cleansing methods making it possible to install, remove, and cleanse the stillwell from an exterior of a vessel, thereby eliminating the need for highly trained personnel to enter the vessel in order to install, maintain, cleanse, or remove the stillwell.